

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I.# 0000475

OFFICE Design Policy & Support

STP00-0000-00(475)

Dougherty & Worth Counties

GDOT District 4 - Tifton

DATE 8/18/2017

SR 133 from North of SR 112 to North of

CR 459/County Line Road

Widening & Improvements

FROM  for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED LOCATION & DESIGN REPORT

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

DISTRIBUTION:

Hiral Patel, Director of Engineering

Joe Carpenter, Director of P3

Albert Shelby, Director of Program Delivery

Darryl VanMeter, Assistant Director of P3/State Innovative Delivery Administrator

Kim Nesbitt, Program Delivery Administrator

Bobby Hilliard, Program Control Administrator

Cindy VanDyke, State Transportation Planning Administrator

Eric Duff, State Environmental Administrator

Bill DuVall, State Bridge Engineer

Andrew Heath, State Traffic Engineer

Angela Robinson, Financial Management Administrator

Lisa Myers, State Project Review Engineer

Benny Walden, Statewide Location Bureau Chief

Ritchie Swindell, District Engineer

Brent Thomas, District Preconstruction Engineer

Dennis Carter, District Planning & Programming Engineer

Derrick Wilkerson, Area Engineer - D4, A5

Christy Lovett, Project Manager

BOARD MEMBER - 2nd Congressional District

Rec'd: 8-2-2017
RLP

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP00-0000-00(475), Worth & Dougherty County OFFICE Program Delivery
P.I. No. 0000475
SR 133 FM N of SR 112 to N of CR 459/County Line Rd
DATE July 21, 2017

FROM Kimberly Nesbitt., State Program Delivery Administrator

TO Office of Design Policy and Support (via Concepts Reports mailbox)

SUBJECT: **Submittal – Location and Design (L&D) Report**

The Office of Program Delivery hereby submits the attached Location and Design (L&D) Report for your review and approval.

If any additional information is needed, please contact Christy Lovett at 912-530-4420.

AVS:CLB:DGM:CSL

Attachments: Preconstruction Status Report, Completed Location & Design approval request

STATE OF GEORGIA

LOCATION AND DESIGN REPORT

FILE 0000475
STP00-000-00(475)
Worth & Dougherty County
SR 133 Widening & Reconstruction

OFFICE Engineering Services

DATE 07/19/2017

FROM Kimberly Nesbitt, State Program Delivery Administrator

TO Brent Story, State Design Policy Engineer
Attn: Dave Peters, State Conceptual Design Group Manager

SUBJECT Request for Location and Design Approval

Description and Project Proposal: Project No. STP00-000-00(475) is an 3.47 mile widening of SR 133 from an existing two-lane roadway to four-lane roadway with a design speed of 65 mph. The widened typical section includes a 32-foot depressed median, 10-foot outside shoulder, and a 6-foot inside shoulder. Project limits are approximately 3100 feet north of SR 112 to 1600 feet north of County Line Road.

This project continues from the alignment in the adjoining Project No. STP00-0000-00(519) by retaining the existing alignment in one direction and constructing new lanes in the other direction. Continuing north, the alignment would transition onto a new alignment to the east side of SR 133 beginning at CR 392/Piney Woods Drive. Two new parallel bridges, 280 feet long by 39.25 feet wide, would be built over Dry Creek. The alignment returns to the existing corridor approximately 1600 feet north of S. County Line Road (CR417/CR459), retaining the existing alignment as northbound lanes and constructing new southbound lanes.

Concept Approval Date:

Original Concept Approval: March 7, 2007

Revised Concept Report Approval: May 25, 2011

Concept Update: The alignment has been modified to minimize displacements and now ties in at 1600 feet north of S. County Line Rd instead of 700 feet north. This project is now a complete full depth replacement, so no existing pavement will be retained. Outside paved shoulders have been increased from 4' to 6.5' to allow for rumble strip and bike accommodation. The two bridges have been lengthened from 200 to 280 feet and are now 39.25 feet wide to clear Dry Creek.

Environmental Document: This is a state-funded project and does not require a GEPA document.

Public Involvement:

- PIOH Summary
 - January 26th and 27th, 2015
 - 262 total attendees: 470 comments, 16 in support, 13 opposed, 8 uncommitted, and 433 conditional support.
 - August 11, 2016

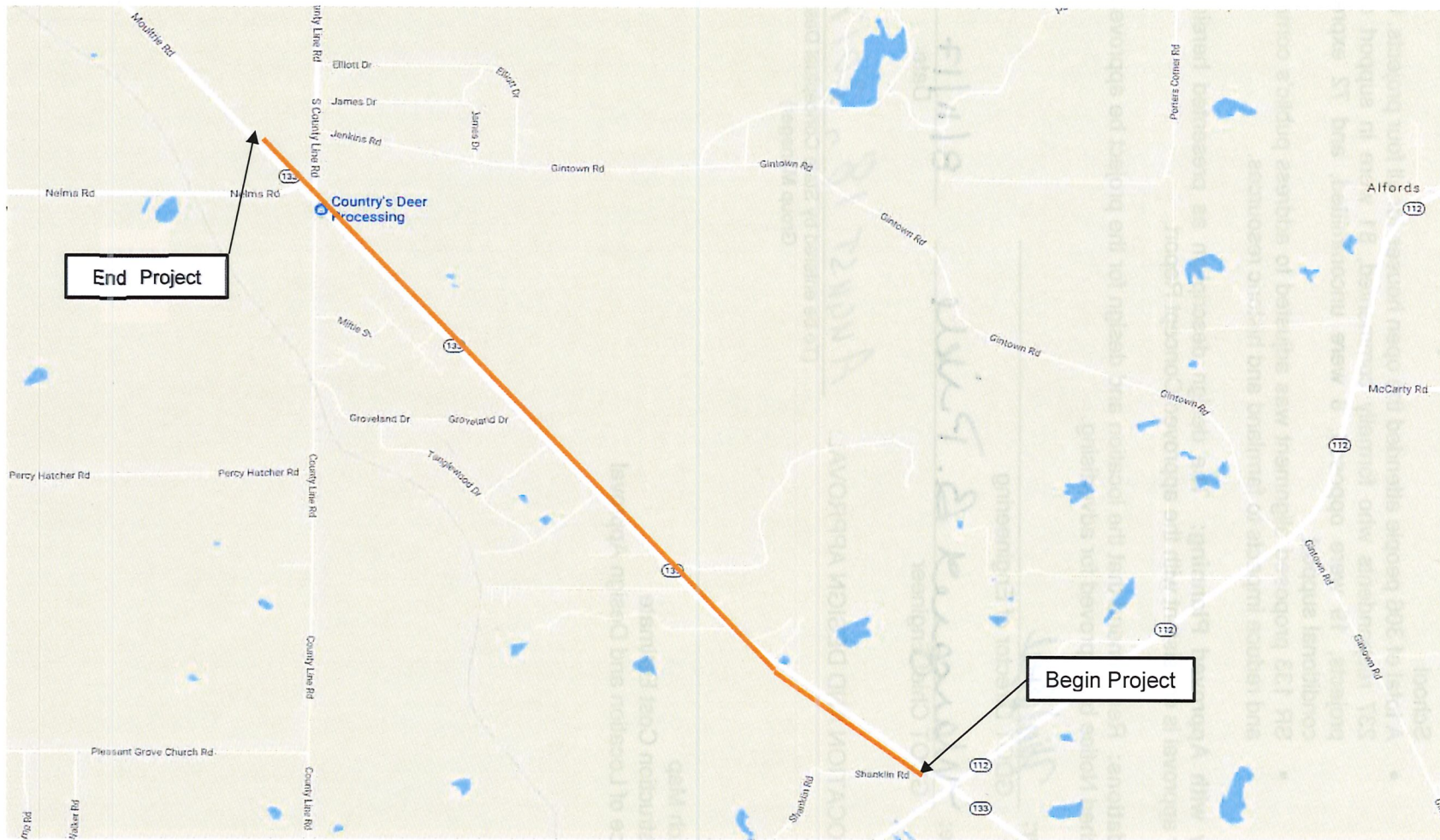
- Consistency with Approved Planning:** The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Concur: 
 GDOT Director of Engineering

DATE OF LOCATION AND DESIGN APPROVAL: August 18, 2017
(To be entered by State Conceptual Design Group Manager)

- Sketch Map
- Construction Cost Estimate
- Notice of Location and Design Approval

ATTACHMENT 1: PROJECT LOCATION MAP



Project: STP00-0000-00(475) P.I. No.: 0000475

Description: Widening of SR 133 from 1,500 feet north of SR 112 in Worth County to 1,600 feet north of County Line Road (CR 417 in Worth/CR 459 in Dougherty)

STATE HIGHWAY AGENCY

JOB DETAIL ESTIMATE

JOB NUMBER : 0000475_PFFR SPEC YEAR: 13
DESCRIPTION: SR 133 FROM N OF SR 112 TO N OF CR 417/CR 459 S COUNTY LINE
WORTH AND DOUGHERTY COUNTIES

ITEMS FOR JOB 0000475_PFFR

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - 0000475	1.000	325000.00	325000.00
0010	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	96074.68	96074.68
0015	201-1500		LS	CLEARING & GRUBBING - 0000475	1.000	1000000.00	1000000.00
0020	205-0001		CY	UNCLASS EXCAV	117000.000	5.22	610803.18
0025	206-0002		CY	BORROW EXCAV, INCL MATL	155400.000	7.43	1156093.64
0029	208-0100		CY	IN PLACE EMBANKMENT	272400.000	9.81	2673085.72
0030	310-1101		TN	GR AGGR BASE CRS, INCL MATL	41100.000	25.22	1036557.21
0034	402-1802		TN	RECYL AC PATCHING, INCL BM&HL	1600.000	104.11	166588.21
0035	402-1812		TN	RECYL AC LEVELING, INC BM&HL	3000.000	80.61	241852.68
0040	402-3121		TN	RECYL AC 25MM SP, GP1/2, BM&HL	27600.000	65.92	1819495.22
0045	402-3130		TN	RECYL AC 12.5MM SP, GP2, BM&HL	7400.000	84.47	625083.70
0050	402-3190		TN	RECYL AC 19 MM SP, GP 1 OR 2 , INC BM&HL	9900.000	76.11	753564.14
0055	413-0750		GL	TACK COAT	11300.000	3.00	33900.00
0059	432-0208		SY	MILL ASPH CONC PVMT/ 2 DEP	7620.000	2.00	15240.00
0060	433-1000		SY	REINF CONC APPROACH SLAB	480.000	182.90	87793.60
0064	441-0740		SY	CONC MEDIAN, 4 IN	700.000	40.91	28639.58
0065	441-3999		LF	CONCRETE V GUTTER	4820.000	18.78	90524.52
0069	446-1100		LF	PVMT REF FAB STRIPS, TP2, 18 INCH WIDTH	8000.000	3.76	30147.44
0070	456-2015		GLM	INDENT. RUMB. STRIPS - GRND-IN-PL (SKIP)	8.000	1210.70	9685.60
0074	500-3201		CY	CL B CONC, RET WALL	100.000	687.96	68796.71
0075	550-1180		LF	STM DR PIPE 18, H 1-10	7720.000	33.58	259258.52
0080	550-1240		LF	STM DR PIPE 24, H 1-10	1570.000	43.67	68562.45
0085	550-1300		LF	STM DR PIPE 30, H 1-10	820.000	53.58	43936.15
0090	550-1360		LF	STM DR PIPE 36, H 1-10	440.000	72.00	31683.17
0105	550-3318		EA	SAFETY END SECTION 18, STD, 4:1	44.000	669.68	29466.24
0110	550-3324		EA	SAFETY END SECTION 24, STD, 4:1	4.000	788.55	3154.21
0115	550-4218		EA	FLARED END SECT 18 IN, ST DR	119.000	630.16	74989.75
0120	550-4224		EA	FLARED END SECT 24 IN, ST DR	27.000	727.80	19650.73
0125	550-4230		EA	FLARED END SECT 30 IN, ST DR	10.000	949.33	9493.38
0130	550-4236		EA	FLARED END SECT 36 IN, ST DR	8.000	1280.25	10242.04
0135	632-0003		EA	CHANGEABLE MESS SIGN, PORT, TP 3	6.000	10457.94	62747.68
0140	634-1200		EA	RIGHT OF WAY MARKERS	177.000	112.43	19901.82
0145	641-1100		LF	GUARDRAIL, TP T	150.000	66.30	9945.90
0150	641-1200		LF	GUARDRAIL, TP W	6100.000	17.77	108421.89
0155	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	8.000	1043.27	8346.16
0160	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	12.000	2190.91	26290.95
0165	668-2100		EA	DROP INLET, GP 1	69.000	2459.71	169720.31
0170	543-9000		LS	CONSTR OF BRIDGE COMPLETE - 0000475	1.000	1584000.00	1584000.00
0175	636-1020		SF	HWY SGN, TP1MAT, REFL SH TP3	440.000	13.97	6150.70
0180	636-1033		SF	HWY SIGNS, TP1MAT, REFL SH TP 9	360.000	17.23	6202.86

STATE HIGHWAY AGENCY

JOB DETAIL ESTIMATE

0185	636-2070	LF	GALV STEEL POSTS, TP 7	1550.000	6.55	10154.48
0190	636-5100	EA	MILEPOST SIGNS	12.000	149.75	1797.09
0195	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	79.000	78.36	6190.49
0200	653-0170	EA	THERM PVMT MARK, ARROW, TP 7	50.000	104.33	5216.60
0204	653-0210	EA	THERM PVMT MARK, WORD , TP 1	22.000	117.14	2577.13
0205	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	113700.000	0.34	38845.61
0210	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL	51300.000	0.39	20079.33
0215	653-1704	LF	THERM SOLID TRAF STRIPE,24,WH	41300.000	5.31	219675.11
0220	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI	48800.000	0.25	12521.10
0225	654-1001	EA	RAISED PVMT MARKERS TP 1	128.000	4.19	536.92
0230	654-1003	EA	RAISED PVMT MARKERS TP 3	1850.000	3.56	6594.20
0235	657-1085	LF	PRF PL SD PVT MKG,8,B/W,TP PB	600.000	7.29	4376.55
0240	657-3085	GLF	PRF PL SK PVMT MKG,8,B/W,TPPB	600.000	5.20	3121.90
0245	657-6085	LF	PRF PL SD PVMT MKG,8,B/Y,TPPB	600.000	6.88	4129.10
0250	603-2024	SY	STN DUMPED RIP RAP, TP 1, 24	1500.000	77.65	116480.85
0255	603-7000	SY	PLASTIC FILTER FABRIC	1500.000	4.34	6514.85
0260	700-6910	AC	PERMANENT GRASSING	76.000	1081.51	82195.00
0265	700-7000	TN	AGRICULTURAL LIME	350.000	9.62	3368.43
0270	700-8000	TN	FERTILIZER MIXED GRADE	25.000	607.76	15194.02
0275	700-8100	LB	FERTILIZER NITROGEN CONTENT	5700.000	2.42	13799.87
0280	710-9000	SY	PERM SOIL REINFORCING MAT	2000.000	3.84	7680.00
0285	716-2000	SY	EROSION CONTROL MATS, SLOPES	12100.000	1.35	16358.35
0290	163-0232	AC	TEMPORARY GRASSING	38.000	144.10	5475.91
0295	163-0240	TN	MULCH	1200.000	151.48	181777.38
0300	163-0300	EA	CONSTRUCTION EXIT	14.000	1520.41	21285.80
0305	163-0503	EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	30.000	429.05	12871.58
0310	163-0520	LF	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	850.000	17.84	15170.29
0315	163-0528	LF	CONSTR AND REM FAB CK DAM -TP C SILT FN	7000.000	5.07	35504.21
0320	163-0531	EA	CONSTR & REM SEDIMENT BASIN,TP 1,STA NO- 0000475	16.000	13865.67	221850.81
0325	163-0550	EA	CONS & REM INLET SEDIMENT TRAP	75.000	189.42	14206.63
0330	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	25000.000	0.25	6474.25
0335	165-0041	LF	MAINT OF CHECK DAMS - ALL TYPES	3500.000	1.27	4459.07
0340	165-0060	EA	MAINT OF TEMP SEDIMENT BASIN,STA NO -	16.000	1657.03	26512.59
0345	165-0087	EA	MAINT OF SILT CONTROL GATE, TP 3	30.000	97.94	2938.39
0350	165-0101	EA	MAINT OF CONST EXIT	14.000	496.41	6949.85
0355	165-0105	EA	MAINT OF INLET SEDIMENT TRAP	75.000	47.90	3592.98
0360	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	6.000	385.37	2312.23
0365	167-1500	MO	WATER QUALITY INSPECTIONS	24.000	848.33	20360.13
0370	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	50000.000	3.77	188967.50

ITEM TOTAL
INFLATED ITEM TOTAL

14789207.28
14789207.28

TOTALS FOR JOB 0000475_PPFR

ESTIMATED COST:
CONTINGENCY PERCENT (0.0):

14789207.32
0.00

JOB DETAIL ESTIMATE

ESTIMATED TOTAL:

14789207.32

NOTICE OF LOCATION AND DESIGN APPROVAL

STP00-000-00(475) WORTH AND DOUGHERTY COUNTY P. I. 0000475

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: August 18, 2017.

This project is located in Worth County (79%) and Dougherty County (21%), 15.5 miles southeast of the city of Albany. This project is located in Land Lots 182, 183, 185, 186 & 230 of Land District 7 for Worth County and Land Lots 18, 19 & 231 in Land District 1 for Dougherty County.

Project No. STP00-000-00(475) is an 3.47 mile widening of SR 133 from an existing two-lane (24-ft) roadway to a four-lane roadway (two 12-ft lanes in each direction) with a design speed of 65 mph. The widened typical section includes a 32-foot depressed median, 10-foot outside shoulder, and a 6-foot inside shoulder.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Derrick Wilkerson
District 4 Area 5
dwilkerson@dot.ga.gov
2060 Newton Road
Moultrie, GA 31788
229-430-4198

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Kimberly Nesbitt
State Program Delivery Administrator
Attn: Christy Lovett
clovett@dot.ga.gov
Georgia Department of Transportation
One Georgia Center, 25TH Floor
Atlanta, Georgia 30308
404-360-4824

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.